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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2142 15W

Application No.: 10/058,150 Filed: October 29, 2001

Filed: Oct Inventor(s):

Brian Keith Odom, Joseph E. Peck, Hugo A. Andrade, Cary Paul Butler, James J. Truchard, Newton G. Petersen and Matthew Novacek

Title:

Reconfigurable

Measurement System
Utilizing a Programmable
Hardware Element and
Fixed Hardware Resources

Examiner:

Shah, Kamini S.

Group/Art Unit: 2142

Atty. Dkt. No:

5150-61502

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Alexandria, VA 22313-1450, on the date indicated below.

Mark S. Williams

Signature

Date

## RESPONSE TO OFFICE ACTION OF MARCH 16, 2005

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Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

This paper is submitted in response to the Office Action of March 16, 2005, to further highlight why the application is in condition for allowance.

Please amend the case as listed below.